IN THE CLAIMS:

Claim 1 (currently amended): A joint prosthesis comprising:

a segmented shell having an interior surface,

a second shell fixedly retained within said interior surface of said segmented shell;

a cup, said cup having an exterior surface and an interior surface, said exterior surface of said cup being sized and configured to be fixedly retained in said second shell, and

a shaft having a first end and a second end, said first end of said shaft having a ball formed thereon that is received by said cup for movement therein.

Claim 2 (currently amended):

A joint prosthesis as in claim 1 comprising:

~~a segmented shell having an interior surface,~~

~~a second shell fixedly retained with said interior surface of said segmented shell;~~

~~a cup, said cup having an exterior surface and an interior surface, said exterior surface of said cup being sized and configured to be fixedly retained in said second shell, and~~

~~a shaft having a first end and a second end, said first end of said shaft having a ball formed thereon that is received by said cup for movement therein,~~ wherein said segmented shell comprises:

a base; and

a plurality of segments, each segment, of said plurality of segments, having a first end, a second end and a pair of opposing sides extending therebetween, each first end of each said segment, of said plurality of segments, pivotally engaging said base such that each side of each said segment, of said plurality of segments, is adjacent one of said sides of another one of said plurality of segments, each segment, of said plurality of segments, being longitudinally and transversely arcuate, such that when each segment, of said plurality of segments, is aligned with adjacent segments, said plurality of segments form a cup-shaped segmented shell.

Claim 3 (original):

A joint prosthesis as in claim 2, wherein said base has a ridge formed thereon and each segment, of said plurality of segments, has a groove formed therein proximal said first end thereof, said groove receiving said ridge therein.

Claim 4 (original):

A joint prosthesis as in claim 3, wherein said base further comprises a plurality of secondary guide wires extending outwardly from said ridge, each segment, of said plurality of segments, having a hole therethrough that extends through said groove so that the hole through each segment, of said plurality of segments, may receive a corresponding one of said plurality of secondary guide wires, whereby each segment, of said plurality of segments, is guided to its position along said ridge of said base.

Claim 5 (currently amended): A joint prosthesis as in claim ~~1~~ 2 wherein said segmented shell is comprised of metal.

Claim 6 (canceled):

Claim 7 (currently amended): A joint prosthesis as in claim ~~1~~ 2 wherein said second shell is formed from a synthetic resin.

Claim 8 (currently amended): A joint prosthesis comprising:

a segmented shell having an interior surface;

a second shell fixedly retained within said interior surface of said segmented shell, wherein said second shell comprises: a plurality of parts, each part, of said plurality of parts, having a longitudinal axis, a first longitudinal end, a second longitudinal end, a first face and a second face, a pair of sides, opposing one another across said longitudinal axis, said sides extending between said first and second faces, said first face of each part being longitudinally and transversely arcuate, and said first longitudinal end of each of said plurality of parts being linked to one another such that when each side of each of said plurality of parts is adjacent one of said sides of at least another one of said plurality of parts, said plurality of parts form said second shell so that said second shell is cup-shaped.

Claim 9 (original): A joint prosthesis as in claim 8, wherein said plurality of parts comprise,

a first group of parts and a second group of parts, at least a portion of said opposing sides of each part, of said first group of parts, extend from said second face and taper toward one another, and at least a portion of said opposing sides of each part, of said second group of parts, extend from said first face and taper toward one another.

Claim 10 (currently amended): A joint prosthesis as in claim ~~1~~, 8,

~~said shaft~~ further comprising:

~~said ball, and a neck, and a body, wherein said neck is fixedly attached to said ball and integrally attached to said body, and,~~

a cup, said cup having an exterior surface and an interior surface, said exterior surface of said cup being sized and configured to be fixedly retained in said second shell,

and a shaft having a body, a neck, a first end and a second end, said first end of said shaft includes a neck attached to said body and a ball attached to said neck, and having a ball formed thereon that is received by said cup for movement therein and said shaft having

at least one channel passing through said body of said shaft such that said at least one channel extends from said second end of said shaft through said body to an area external to said neck and adjacent to said neck.

Claim 11 (currently amended): A joint prosthesis as in claim 10,

~~said shaft further comprising,~~

wherein said at least one channel is a plurality of channels, and at least two channels are in fluid flow communication.

Claim 12 (currently amended):

A joint prosthesis ~~as in claim 1, said shaft further~~ comprising:

a segmented shell having an interior surface,

a second shell fixedly retained within said interior surface of said segmented shell;

a cup, said cup having an exterior surface and an interior surface, said exterior surface of said cup being sized and configured to be fixedly retained in said second shell, and

a shaft having a first end and a second end, said first end of said shaft having a ball formed thereon that is received by said cup for movement therein, and said shaft having at least one longitudinally extending side wall and a groove formed in said side wall proximal said second end of said shaft, a U-shaped shield having a bottom and a pair of legs extending outwardly therefrom, said bottom being received in said groove such that said pair of legs extend outwardly from said shaft.